

## Searching PAJ

[MENU](#)[NEWS](#)[HELP](#)**Search Results : 4**[Index Indication](#)[Clear](#)**Text Search**

If you want to conduct a Number Search, please click on  
the button to the right.

[Number Search](#)**Applicant, Title of invention, Abstract** — e.g. computer semiconductor

If you use the AND/OR operation, please leave a **SPACE** between keywords.

One letter word or **Stopwords** are not searchable.

[AND](#)**AND**[AND](#)**AND**[AND](#)**AND****Date of publication of application** — e.g. 19980401 - 19980405 - **AND****IPC** — e.g. D01B7/04 A01C11/02

If you use the OR operation, please leave a **SPACE** between keywords.

[Search](#)[Stored data](#)

Copyright (C); 1998,2003 Japan Patent Office

*Searching PCT (Full Text)...*

[Search Summary]

**Results of searching in PCT (Full Text) for:**  
**titanium near substrate and electrode and ( piezoelectric or**  
**"piezoelectric/electrostrictive" ): 0 records**

**Refine Search**

titanium near substrate and electrode and (piezoelect

No records matching your query found in PCT (Full Text)

**Search Summary**

**titanium NEAR substrate:** 0 occurrences in 0 records.  
**electrode:** 993877 occurrences in 42664 records.  
**(titanium NEAR substrate AND electrode):** 0 records.  
**piezoelectric:** 92632 occurrences in 10876 records.  
**PIEZOELECTRIC/electrostrictive:** 1774 occurrences in 397 records.  
**(piezoelectric OR PIEZOELECTRIC/electrostrictive):** 10947 records.  
**((titanium NEAR substrate AND electrode) AND (piezoelectric OR**  
**PIEZOELECTRIC/electrostrictive)):** 0 records.

Search Time: 31.97 seconds.





Canadian Intellectual  
Property Office

Office de la propriété  
intellectuelle du Canada

Canada

Français  
Strategis

Contact Us  
Site Map

Help  
What's New

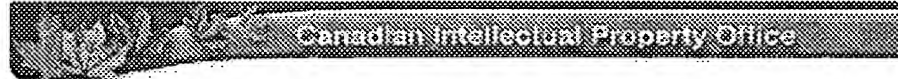
Search  
About Us

Canada Site  
Registration

strategis.gc.ca

CIPO OPIC

Strategis Index: [A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#)



[CIPO Home](#)

[Patents Main Page](#)

[PATENTS  
DATABASE](#)

[Search Options](#)

[Basic](#)

[Number](#)

[Boolean](#)

[Advanced](#)

[Help](#)

[Content](#)

[Searching](#)

[Search Language](#)

[FAQ](#)

[Disclaimer](#)

[Foreign Patent Links](#)

[Decisions of the  
Commissioner of  
Patents](#)

[Trade-marks  
Database](#)

[Copyrights Database](#)

## Canadian Patents Database

### Search Results 02/11/2005 - 12:18:31

Query :  
((( ( ((substrate <and> titanium)) <and>

Query: ( ( ( ((substrate <and> titanium)) <and> ((electrode <or> electrodes))  
<and> ((piezoelectric or "piezoelectric/electrostrictive")) ) <in> claims ) )

9 documents out of 1622198 matched your query. Click on its number to view the details of the document.

**Note:** All document detail pages now appear on a new Browser Window.

1. [2438360](#) PIEZOELECTRIC ELEMENT, INK JET HEAD, 100%  
ANGULAR VELOCITY SENSOR,  
MANUFACTURING METHOD THEREOF,  
AND INK JET TYPE RECORDING  
APPARATUS
2. [2351199](#) STRUCTURE OF PIEZOELECTRIC 100%  
ELEMENT AND LIQUID DISCHARGE  
RECORDING HEAD, AND METHOD OF  
MANUFACTURE THEREFOR
3. [2163033](#) A FILM BULK ACOUSTIC WAVE DEVICE 100%
4. [1255139](#) OPTICAL FREQUENCY CONVERTER 100%  
DEVICE AND A RATE GYRO CONTAINING  
SUCH A DEVICE
5. [2202062](#) MICRO-MINIATURE PIEZOELECTRIC 99%  
DIAPHRAGM PUMP FOR THE LOW  
PRESSURE PUMPING OF GASES
6. [2191132](#) THIN FILM ACTUATED MIRROR ARRAY 98%  
FOR USE IN AN OPTICAL PROJECTION  
SYSTEM AND METHOD FOR THE

	Type	L #	Hits	Search Text	DBs
1	BRS	L1	4939	titanium and (piezoelectric or electrostrictive or "piezoelectric/electrostrictive")	USPAT
2	BRS	L2	401	titanium same substrate and (piezoelectric or electrostrictive or "piezoelectric/electrostrictive") same electrode\$1	USPAT
3	BRS	L3	193	titanium.clm. and substrate and (piezoelectric or electrostrictive or "piezoelectric/electrostrictive") same electrode\$1	USPAT
4	BRS	L4	121	(titanium and substrate).clm. and (piezoelectric or electrostrictive or "piezoelectric/electrostrictive") same electrode\$1	USPAT
5	BRS	L5	43	(titanium same substrate).clm. and (piezoelectric or electrostrictive or "piezoelectric/electrostrictive") same electrode\$1	USPAT
6	BRS	L6	30	(titanium same substrate).clm. and (piezoelectric or electrostrictive or "piezoelectric/electrostrictive") same electrode\$1	US-PGPUB; USOCR
7	BRS	L7	93	(titanium same substrate) and (piezoelectric or electrostrictive or "piezoelectric/electrostrictive") same electrode\$1	EPO; JPO; DERWENT; IBM_TDB